

FARKAS, Ferenc; SEBESTYEN, Ferenc; EISLER, Janos, dr., egyetemi tanar;
HOFFMANN, Pal; REICHARDT, Zoltan; FABRY, Jozsef; NYULASZI, Mihaly;
MATEFFY, Sandor; REUSS, Laszlo

Remarks about Ferenc Palos' lecture entitled "Demands of
electric power industry concerning the Hungarian cable manu-
facture." Villamossag 8 no.2-3:71-72 F-Mr '60.

1. Nehezipari Miniszterium Villamosenergiaipari Igazgatósága
formernoke (for Farkas). 2. EM Budapesti Villanyszerelő
Vállalat; "Villamossag" szerkesztő bizottsági tagja (for Sebestyen).
3. Budapest Műszaki Egyetem (for Eisler). 4. Kábel- és
Sodronykötélgár (for Hoffmann). 5. EM Szerelőipari Tervező
Vállalat (for Reichardt). 6. Építéstudományi Intézet (for
Fabry). 7. EM Szerelőipari Tervező Vállalat (for Nyulaszi).
8. Kohó- és Gépipari Miniszterium Tervező Irodái (for Mateffy).
9. Kábel- és Sodronykötélgár (for Reuss).

HOFFMANN, Pal, dr.; FOLDIAK, Gabor, dr., a kémiai tudományok kandidátusa

Properties of Hungarian cable compounds containing pine resin.
Elektrotechnika 54 no.4:159-165 Ap '61.

1. Kabel es Sodronykotelgyar (for Hoffmann).
2. Magyar Asvanyolaj es Foldgaz Kiserleti Intezet (for Foldiak).

HOFFMAN, Pal, dr.

Determination of the optimal boring direction of diamond wire drawing stones. Miszaki kozl MTA 30 no.1/4:327-340 '62.

1. Kabel- es Sodronykotelgyar, Budapest.

HOFFMANN, Przemyslaw

Marian Azt, 1905-1959. Przem chem 39 no.2:61-62 P '60.

AKERMAN, Karol; HOFFMANN, Przemyslaw; POCZYMAJLO, Andrzej; OGLOZA, Jan;
GRYGLIK, Eugeniusz; PLETTI, Zdzislaw; BERESKI, Jerzy

Marking-out of material streams in rotary kilns for super-
Thomas production in the BONARKA Works in Krakow. Przem
chem 40 no.7:380-383 JL '61.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Warszawa i
Fabryka Supertomasyny BONARKA, Krakow.

HOFFMANN, P.

Akerman, K.; Hoffmann, P.

"Results of Soviet aid in the sulfuric acid and phosphate fertilizer industry",
p. 556 (Przemysl Chemiczny. Vol. 9, no. 11, Nov. 1953, Warszawa)

Vol. 3, No. 3

SD: Monthly List of East European Accessions,/Library of Congress, March 1954, Uncl.

HOFFMAN, P.; AKERMAN, K.

Actual technological and research problems in the sulfuric acid and phosphoric fertilizers industries. p. 433. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

HOFFMAN, P.; ALERMAN, K.

World production and consumption of sulfur. p. 438. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

HOFFMAN, F., AND OTHERS

Granulation of superphosphate. p. 471. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (BEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

HOFFMANN, P.; LESZCYNKA, H.; AKERMAN, K.

Refining sulfur concentrates from Polish deposits by filtration. p. 610.

Vol. 11, no. 11, Nov. 1955

PRZEMISL CHEMICZNY. Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956

~~Ref~~, HOFFMANN, Pal

Hungary/ Physical Chemistry - Solutions. Theory of acids and bases

B-11

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11326

Author : Hoffmann Pal, Kocsardi Sandor

Title : Study of the Effect of Neutral Salts on Acidic Hydrolysis of Ethyl Acetate

Orig Pub : Sohata vizsgalata etilacetat savas hidrolizisenel.
Magyar kem. folyoirat, 1955, 61, No 10, 289-295 (Hungarian; German summary)

Abstract : Effect of neutral salts on acid hydrolysis of ethyl acetate was investigated taking into account salt activity coefficients and characteristic thermodynamic functions. On the basis of a previously proposed mechanism of hydrolysis (Roberts J., Urey H.C., J. Amer. Chem. Soc., 1939, 61, 2584) is presented the reaction velocity equation, the transformation of which yields a new equation that explains the salt effect. By measurement of e.m.f. were determined mean values of activity coefficients of NaClO_4 and Na_2SO_4 , and also the values $k/f(\text{salt})$, which are about equal at the same temperature. It is noted that ΔG^* does not depend on temperature and concentration, while the presence of neutral salts affects the values of ΔH^* and ΔS^* .

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HOFFMANN, P.

P. Hoffmann H. Leszczynska, A. Pfeffer, B. Piatkowski, W. Cieslewski,
J. Alimow, "The Refinement of Sulphur Concentrates of Polish Deposits
by Centrifugation," Przemysl Chemiczny, (Warsaw), XIII/4, April 1956,
pp 214-218. Published from the Institute of Sulfuric Acid and Phosphoric
Fertilizers.

POLAND / Chemical Technology. Chemical Products and
Their Application--Water Treatment. Sewage

H-5

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8686

Author : Hoffmann, P., Leszczinska, H., Pfefer, A.,
Kaczorek, M., Sobiewski, R., Hoffman, B.

Inst : Not given

Title : Purification of Waters in Districts of Sulfur
Deposits

Orig Pub: Przem. chem., 1957, No 7, 395-399

Abstract: Data are given on experiments on a semi-industrial
scale for elimination of H_2S . In water running
along an open trench (length 100 meters, thick-
ness of water layer 6.5 to 10 centimeters), at an
initial H_2S concentration of 150 mg per liter and

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POLAND / Chemical Technology. Chemical Products and
Their Application--Water Treatment. Sewage

H-5

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8686

170 mg per liter, the remaining H_2S concentration
comprised (respectively) 60 and 30 mg per liter.
When acidified to Ph 5 and with a double passage
of water through the fractionating tower (10 meters),
the H_2S concentration remaining was 4 mg per liter.
--O. Lenchevskiy

Card 3/3

Hoffmann, P.

POLAND / Chemical Technology. - Fertilizers. Chemical Products H-6
and Their Application. Part 2.

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11895.

Author : E. Gryglik, P. Hoffmann, A. Pfeffer, Z. Pletti, T. Wesfalewicz.

Inst : Not given

Title : Application of Anhydrous Sodium Sulfate to "Superthomasin"
Production.

Orig Pub : Przem. chem., 1957, 13, No 6, 341 - 343.

Abstract : Pilot plant and factory experiments showed the possibility of a partial and a complete substitution of soda with Na sulfate at the manufacturing of "superthomasin". The process proceeds normally and yields a high quality product, which does not contain sulfides and is not hygroscopic.

Card 1/1

HOFFMANN, P.; GUCZY, L.; VERES, S.

Examination of the medium effect at the alkaline hydrolysis of malonic acid-monoethylester-K-salt. p. 32. (Magyar Kemiai Folyoirat, Vol. 63, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

HOFFMAN^N, P.; ORZECOWSKI, K.

Mining and processing of sulfur in Poland, p. 394.

NOVA TECHNIKA. (Ceskoslovenska vedecky-technicke spolecnost)
Praha, Czechoslovakia
No. 9, Sept. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 11
Nov. 1959
Uncl.

HOFFMANN, P. M.

SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation: Department for Application of Radio-Isotopes in Chemistry and
Chemical Technology of the Institute for Nuclear Research, Warsaw

Source: [no original language version given]

Source: Leipzig, ~~Isotopentechnik~~, No 5-6, May 1961, pp 165-166.

Data: "Determination of the Material Movement in Rotary Kilns for the
Production of Gypsum Sulphuric Acid in the Chemical Works "Wizow".

Authors:

AKERMAN, Karol, Professor

/HOFFMANN, P. M.

/POCZYNAJLO, A.

/MAJCHROWSKI, J.

/GLONDALSKI, J.

/OGLAZA, J.

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GPO 101643

- 242 —

HOFFMANN, P.; SZUCHNIK, A.

National Academy of Sciences, National Research Council; Nuclear sciences series. Review and bibliography by P.Hoffmann and A.Szuchnik. Przem chem 41 no.7:409-410 J1 '62.

HOFFMANN, Przemyslaw M.

Survey of methods of obtaining sulfur from sulfur ores. Przem
chem 41 no.9:480-484 S '62.

SOBIESIAK, Ryszard; LESZCZYNSKA, Halina; KACZOREK, Maria; HOFFMANN,
Przemyslaw M.

Two-stage desorption of hydrogen sulfide from deposit waters.
Przem chem 41 no.9:508-510 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalin Chemicznych, Warszawa.

KACZOREK, Maria; LESZCZYNSKA, Halina; SOBIESIAK, Ryszard; HOFFMANN,
Przemyslaw M.

Absorption of the postaeration gases from hydrogen sulfide deposit
waters on ferric hydroxides. Przem chem 41 no.9:513-517 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalin Chemicznych, Warszawa.

ANDRUSKI, Ryszard; HOFFMANN, Przemyslaw M.; LESZCZYŃSKA, Halina

Preparation of colloidal hydrophilic sulphur recovered from sulfur foam. Przem chem 41 no.9:517-521 S '62.

1. Zakład Przerobu Siarki i Pochodnych, Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

LICHTENSTEIN, Henryk; JASKOLSKA, Anna; LESZCZYŃSKA, Halina; HOFFMANN,
Przemysław M.

Comparative research on the usefulness of absorption masses
for hydrogen sulfide in the presence of air. Przem chem 41
no.9:521-523 S '62.

1. Zakład Przerobku Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalin Chemicznych, Warszawa.

LESZCZYNSKA, Halina; HOFFMANN, Przemyslaw M.; PIATKOWSKI, Eronislaw;
JASKOLSKA, Anna; CIESLEWSKI, Wieslaw

Pre-industrial technological research on the refining of sulfur concentrates by means of the centrifugal separator method. Przem chem 41 no.9:524-526 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne laboratorium Siarki i Kopalin Chemicznych, Warszawa.

HOFFMANN, Przemyslaw M.

Survey of methods of obtaining sulfur from sulfuric ores. II. Przem
chem 41 no.11:629-632 N '62.

AKERMAN, Karol, prof. dr; HOFFMANN, Przemyslaw M.; ZASLOTNY, Wladyslaw, dr;
NOWAK, Maciej, mgr dr; OGLAZA, Jan, mgr; MASIAK, Aleksander, mgr inz.

Tracing of material streams in kilns with fire bridge. Rudy i metale
8 no.2:53-54 F '63.

AKERMAN, K.; HOFFMANN, P.M.; ZABLOTNY, W.

Application of isotopic techniques to the studies of unitary chemical processes. Nukleonika 9 no.7/8:637-645 '64

1. Institute of Nuclear Research, Warszawa-Swierk.

1-14-89-JS EPR/DWP: BZP/PB Ps-L SSD/AWVI/ESD [sig] JD

[illegible]

414 JOURNAL OF MANAGEMENT INQUIRY / December 2003

SOURCE: Nukleonika, v. 9, no. 7-8, 1964, 647-665

4

1. Aluminum is a silvery metal, lightweight, and strong. It is the most abundant metal in the Earth's crust. It is used in a wide variety of applications, including aircraft, automobiles, and consumer products. It is also used in the production of aluminum alloys, which are stronger and more durable than pure aluminum.

TOPIC TAGS: aluminum electrolytic refining, aluminum zone refining, distillation, detection, germanium recovery, selenium recovery, tagged atom method, tagged atom method application

ABSTRACT: The tagged atom method was successfully applied in studies of some of the processes occurring in the electrolytic refining of aluminum. The use of the tagged atom method in the electrolytic refining of aluminum is discussed. The results of the studies are presented. The tagged atom method is a powerful tool for the study of the processes occurring in the electrolytic refining of aluminum. The results of the studies are presented. The tagged atom method is a powerful tool for the study of the processes occurring in the electrolytic refining of aluminum. The results of the studies are presented.

Card 1/2

ASSOCIATION: Institute of Nuclear Research, Warsaw

SUBMITTED: 00

INCL: 00

SUB CODE: NA

NO REF SOV: 000

OTHER: 025

Cars 2/2

RAMPKE, D.; HOFFMANN, R.

Refining of 0 Al-Si10-Mg alloy-melts by salt. Pt. 1. Voh lap
96 no.10:Suppl:Ontode 14 no.10:239-240 0 '63.

RAMPKE, D.; HOFFMANN, R.

Improving O Al-Si10-Mg alloy melts by salt treatment. Koh lap
96 no.11:252-257 N°63.

1. Volkseigener Betrieb Elektrochemisches Kombinat, Bitter-
feld, Nemet Demokratikus Koztarsasag.

HOFFMANN, T.

The use of sledge and threshing implements in Hungary

p. 219 (ACTA ETHNOGRAPHICA) Vol. 6, no. 1/2, 1957, in German
Budapest, Hungary

SC: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 3,
March 1958

HOFFMANN, Tibor; LADIK, Janos

A possible explanation of the cancer-causing effect of radiations and carcinogen hydrocarbons on the basis of the electronic structure of the deoxyribonucleic acid. Magy fiz folyoir 8 no.5:471-486 '60.

(EAI 10:5)

1. Tavkozlesi Kutato Intezet es MTA Kozponti Kemiai Kutato Intezete, Budapest.

(Carcinogenic substances) (Cancerigenic substances)
(Hydrocarbons) (Deoxyribonucleic acids)

117 APR 1958 HOFFMANN, T. A. PROCESSES AND PROPERTIES INDEX		2
Dynamics of the RbI crystal. T. A. Hoffmann (Univ. Tech. and Economic Sci., Budapest, Hungary). Phys. Rev. 70, 481-2(1946).—In using the methods of Jensen (C.A. 30, 798P) and of Gombás (C.A. 30, 258P), values were calcd. for the lattice const., the compressibility at $T = 0^\circ$, and the infrared wave length, with a max. deviation of 4% from exptl. values. G. M. Petty		
ASD-51A METALLURGICAL LITERATURE CLASSIFICATION		
117 APR 1958		
117 APR 1958		

COMMON ELEMENTS																										COMMON VARIANTS																									
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26																										1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26																									
<p>HOFFMANN, T. A.</p> <p>PROCESSES AND PROPERTIES</p> <p>2</p> <p>The dynamics of the rubidium iodide crystals. T. A. Hoffmann. <i>Hung. Acta Phys.</i> 1, No. 2, 34-54 (1957). C. T. 41, 2300a. Lattice const. (a), compressibility (b), infrared wave length (c), and tensile strength (d) of the RbI crystal were calcd. from a statistical at. model improved by Gombás (C.A. 38, 25009), made without any empirical or semi-empirical parameters. The results are: (a) 3.60×10^{-8} cm., (b) 8.45×10^{-12} sq. cm./dyne, (c) 121×10^{-4} cm., and (d) 1.52×10^{10} dynes/sq. cm. 15 references. István Fényi</p>																																																			
<p>ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>REGION SYMBOLS</p> <p>SYMBOLS</p> <p>REGION MAP ONE ONE</p> <p>SYMBOLS</p> <p>REGION SYMBOLS</p> <p>SYMBOLS</p>																																																			

CA HOFFMANN, T.A.

The contraction of organic chain molecules. P. Lombás and T. A. Hoffmann (Hung. Univ. Tech. Sci., Budapest). *J. Chem. Phys.* **18**, 863-1 (1950). Theoretical. Some mech. properties of org. chain mols., e.g. polypeptides, are derived from quantum-mech. concepts. These properties may help explain the contraction and relaxation of muscle. It is assumed that N atoms alternate with time between neutral atoms and N⁺ ions, with a corresponding change in the type of bond and in the shape of the chain. Thus, change of all N⁺ to neutral N shortens the chain to 0.92 times its original length. If every 2nd N⁺ were changed to N, the chain, neglecting steric effects, would curl into a ring with a diam. 7.7 times the length of the CCN⁺ group. Hence, a chain contg. 24 CCN⁺ groups would contract to a ring with a diam. 0.33 times the original chain length. Steric effects, e.g. the spin orientation of H and C atoms, cause the chain to twist into a helical curve. Interaction between adjacent chains and electron mobility in the chain are also considered. T. H. Dunkelberger.

CA HOFFMANN, T.A.

2.

Investigations in the field of the theory of solids. I
Linear chain of similar atoms. T. A. Hoffmann and A.
Könyö (Tech. Univ., Budapest). *Acta Phys. Acad. Sci
Hung.* 1, 5-33 (1951); cf. C.A. 43, 1632c. — A detailed ac-
count of an application to metals of the mol. orbital method
in the LCAO (linear combinations of at. orbitals) approxi-
mation. The distribution in energy of permissible states is
deterd. for finite and infinite chains in terms of the Hamiltonian
energy of separate atoms, and of exchange and overlap inte-
grals for nearest neighbors. Zero-order wave functions are
constructed and the charge distribution is deterd. The di-
pole moment of half an infinite chain is calcd., and its relation
to work function discussed. Other applications depend on
the extension of the theory to a space lattice, to be presented
in later papers. H. M. Harwood

1951

HOFFMANN, T. A.

Mathematical Reviews
Vol. 14 No. 8
Sept. 1953
Mathematical Physics.

Hoffmann, T. A. Some investigations in the field of the theory of solids. III. Plane and space lattice of similar atoms. Acta Phys. Acad. Sci. Hungar. 2, 97-106 (1952). (Russian summary)

Hoffmann, T. A.

Mathematical Reviews
Vol. 14 No. 8
Sept. 1953
Mathematical Physics.

Hoffmann, T. A. Some investigations in the field of the theory of solids. IV, A-B-type ordered binary systems in the plane and the space. Acta Phys. Acad. Sci. Hungar. 2, 107-127 (1952). (Russian summary).
In two previous papers [same Acta 1, 5-35, 175-195 (1951); these Rev. 13, 308; 714] Hoffmann has built up the theory for the properties of the chain structure of similar and dissimilar atoms as a problem of the linear combination of atomic orbitals. In the two papers under review this material is used to calculate the energy and density of states in a square plane array and in a simple cubic lattice made up of atoms of one kind (III) and of atoms of two kinds (IV) in a binary system. A comparison of the energy distributions of the density of states is made for the linear, plane, and spatial cases. R. Truett (Providence, R. I.).

8-17-54 RMT

HOFFMANN, T. A.

Mathematical Reviews
Vol. 14 No. 8
Sept. 1953
Mathematical Physics.

2

Hoffmann, T. A. Some investigations in the field of the theory of solids. V. Adsorption. Surface states. Acta Phys. Acad. Sci. Hungar. 2, 195-208 (1952). (Russian summary)

Using the background developed in the preceding four papers of this series, the author now deals with the effect of a surface layer of foreign atoms on the surface of a crystal of atoms of one type. The effects of a single atom layer are considered in connection with adsorption, surface states, etc. The author obtains energy levels outside the main energy band for the bulk material. The discussion of surface states is carried out in terms of the number and position of these levels above and below the main band. It is pointed out that surface levels do not always occur in pairs if the calculations are properly carried out. R. Truell.

HOFFMANN, T.

Open discussion about the dissertation by Laszlo Lang, candidate
in physics. p. 377. KOZLEMENYEI. Budapest. Vol. 5, no. 3, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

HOFFMANN, T.

Public debate about the dissertation by Karoly Ladanyi, candidate in physics.
p. 515. Vol 5, no. 4, 1955. KOZLETVEI. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

HOFFMANN, T.

What determines the solidity of bodies? p. 404

Vol. 114, no. 7, July 1955
TERMESZET ES TARSADALOM
Budapest

Source: Monthly list of East European Accessions, (EEAL), LC,
Vol. 5, no. 3, March 1956

Hoffmann, T.

Distr: 4E3d

65. Application of the diffusion equation in designing the ventilation stacks of reactors. T. Hoffmann, G. Németh. A Magyar Tudományos Akadémia Központi Fizikai Kutató Intézetének Közleményei (Proceedings of the Central Research Institute for Physics of the Hungarian Academy of Sciences). Vol. 6, 1957, No. 6, pp. 582-588, 2 figs.

RB
The radioactive impurity concentration issuing from a stack of given length is calculated on the basis of the simple theory of diffusion taking into account half life as well. Calculations cover the adsorbing (aerosol) and non-adsorbing (gas) cases with horizontal wind and without wind. The results can be utilized in the design of reactor stack.

HOFFMANN, I.

3
/ Possibility of preparing overheated solid state in reactors.
Tibor Hoffmann, Magyar Tudományos Akad. Közlem.
És. Kísérleti Tudományok Kéziratok, 6, 302-74 (1958).
Theoretical calcul. relates the melting mechanism to the
dimensions of subcrystallites of the solid and to the d. of
vacancies. It might be possible to create vacancies
within a very short time, and reach a vacancy concn.
characteristic of melting without melting the solid. H.
proposes to expose the sample to a high neutron flux to
produce the appropriate vacancy concn., keeping the sample
below its m.p., then increase the temp. suddenly above the
m.p. H. assumes that the sample will be stable at that
high temp. and will not melt. If such a procedure would
be feasible the solid constituents of a reactor would be stable
at a higher temp.

E. Roser

HOFFMANN, T.

Atmospheric diffusion of radioactive contamination from the stack of a reactor. Tibor Hoffmann and Géza Némethy. *Magyar Tudományok* (Hungarian Science), Budapest, 1958, 11(12), 276-84 (1958). A formula is derived for the atm. diffusion of contamination which takes into account the correct boundary conditions and half-lives in the common diffusion problem. The radioactive gases are characterized by the boundary conditions that they are not absorbed at all on the surface, whereas aerosols are adsorbed on the ground, at least to some degree. The solution of the common diffusion equation is given with the proper boundary conditions by successive Hankel and Laplace transformations in an analytic form for the case of an impulse form discharge of contamination from the chimney. The concn. values thus obtained is supplied by the factor taking into account the half-life and then integrated for certain amt. of discharge of the chimney, for const. operation, etc. In the nonadsorbing case the contamination piled up on the ground will be given by the value of the concn.; in the adsorbing case the contamination per unit surface is given by the time integral of the contamination current directed towards the surface, by taking also into account the half-life. B. Károlyi

HUNGARY/Nuclear Physics - Nuclear Technology and Power

C-8

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 10276

Author : Hoffmann Tibor, Nemeth Geza

Inst : -

Title : Use of the Diffusion Equation in the Design of the Smoke
Stack of a Reactor

Orig Pub : Magyar tud. akad. Közép. fiz. kutató int. közl., 1958, 5, No 6,
582-588

Abstract : Based on simple diffusion theory, the authors calculate the concentration of radioactive admixtures, leaving a stack with given height (taking into account the decay). The calculations were carried out for aerosols and for a gas both in the presence of horizontal wind, and without it. The calculations can be used in the design of reactors. -- V.I. Lend'yel

Card : 1/1

HOFFMANN, Tibor

On the theory of the growth of crystal grains. Koz fiz kozl MTA 7 no.5:
287-295 '59. (EBAI 9:8)

1. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,
Szilardtestfizikai Laboratorium.
(Crystals)

HOFFMANN, T. A.

Theoretical investigations of the spectra of fluorescein. Acta
phys Hung 14 no.2 3:177-185 '62.

1. Research ~~Institute~~ for Telecommunication, Budapest.
Presented by G. Szigeti [Gyorgy Szigeti]

ACCESSION NR: AP4040387

P/0045/64/025/004/0633/0634

AUTHOR: Hoffmann, T. W.; Nikliborc, J.

TITLE: Growth of tungsten monocrystals on glowed tungsten wires

SOURCE: Acta physica polonica, v. 25, no. 4, 1964, 633-634

TOPIC TAGS: crystal growth, tungsten whisker, dodecahedron crystal, rhombododecahedron crystal

ABSTRACT: Well-shaped tungsten monocrystals were obtained by electrically glowing to about 2500C a commercial tungsten wire of 0.1—0.5 mm diam in a hydrogen atmosphere saturated with water vapor. Most crystals grew in the central region of the wire where the temperature was highest. The edges of most crystals were well shaped, and their faces, smooth. Dimensions of crystals were from 10 to 200 μ . In most cases, the crystals were situated in such a way that either one of the corners or one of the edges was directed to the wire surface. Well-formed crystals were dodecahedrons; some were nearly regular rhombododecahedrons, the others being stretched in the direction perpendicular to the wire axis. When the water vapor

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ACCESSION NR: AP4040387

was cut off by means of a liquid air trap, no traces of crystals were observed, regardless of long (about 30 min) glowing at a temperature of 2500C. The growth of crystals depends on temperature. At 1800C crystals were obtained after longer (about 35 min) glowing, although they were smaller and less numerous; at 1900C, after 15 min of glowing, they were somewhat larger but irregular; at 2300—2600C most crystals were well formed; at 2700C and above, the crystals formed stretched cones with vertexes on the wire surface. The optimum temperature is 2300—2600C. Orig. art. has: 2 figures.

ASSOCIATION: Physics Department of the University, Wroclaw, Poland

SUBMITTED: 04Mar64

DATE ACQ: 18Jun64

ENCL: 00

SUB CODE: SS

NO REF SOV: 001

OTHER: 001

Cord 2/2

L 39124-66 EWF(j) RM/JW

ACC NR: AP6030342

SOURCE CODE: RU/0005/65/016/003/0125/0133

AUTHOR: Hoffmann, V.; Cristea, I.; Halmagy, I.; Apostol, Z.

35
B

ORG: none

TITLE: Recovery of the sensible heat of reaction gases in the manufacturing of acetylene

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 125-133

TOPIC TAGS: acetylene, natural gas, ethylene, hydrocarbon, methane, oxidation

ABSTRACT: The authors discuss the preparation of acetylene from natural gases by electric arc cracking and by partial oxidation, with special attention to the best possible utilization of the energy consumed during these processes. Some data are given for a method allowing the partial recovery of some of this energy, namely the injection of additional liquid hydrocarbons into the hot cracked gases, yielding an additional quantity of acetylene plus ethylene. The data were obtained in a semi-industrial Rumanian installation for electrothermic methane cracking. This work was carried out at Chemical Plant, Risnov. Orig. art. has: 13 figures and 13 formulas. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 07, 21 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 001
OTH REF: 002

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Card 1/1

0918 1065

TRIPSA, I., ing.; ZACOPCEANU, S., conf. ing.; DUMITRESCU, S., ing.
HOFFMANN, V., ing.; IVANESCU, D., ing.; COMAN, B., ing.
SABIN; Nica, conf.; BELLU, Blumer, ing.; PINTEA, C., prof.
dr.

Economic efficiency of scientific and technical research.
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1. Director, Institutul de cercetari metalurgice (for Tripsa).
2. Institutul de arhitectura Ion Mincu (for Zacopceanu).
3. Director, Institutul de studii si cercetari hidrotehnice (for Dumitrescu).
4. Rector, Institutul politehnic-Brasov (for Hoffmann).
5. Director, Institutul de cercetari forestiere (for Ivanescu).
6. Director, Institutul de proiectari al Ministerului Industriei Usoare (for Coman).
7. Director adjunct stiintific, Institutul central de cercetari agricole (for Sabin).
8. Director, Institutul de studii si proiectari agricole (for Bellu).
9. Rector, Institutul agronomic "Ion Ionescu de la Brad", Iasi (for Pinteaa).

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Thermal evaluation of sparkplugs. Automatica electronica 5 no.6:
266-271 N-D '61.

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SPITALNIK, inz.; STEKL, inz.; NAVRATIL, Miroslav, inz., dr.;
IBLER, Jaroslav, inz., dr.; KARAS, Frantisek, prof., inz., dr., ScDr.;
CESKA, inz.; HOFFMANN, V., inz.; CHALUPSKY, Josef, inz.;
FAPSO, O., inz.; ROCEK, Jaroslav, inz., ScC.; SVEJDA, J., inz.;
LENCZ, Imrich, inz.; RAJDA, Frantisek; BALOS, Jaroslav, inz.;
MACHA, Jiri, inz.

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Society. Sbor zem 68 no.4:345-346 '63.

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no.12:650-653 D '62.

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DNLM Not in DLC

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Uncl.

POLAND / Cultivated Plants. Forage Crops.

M-5

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73016.

Author : Hoffmannowa, A.; Horodyski, A.

Inst : Not given.

Title : The Influence on Winter Rape Harvest of the Seed
Planting Rate Depending on Quantity of Nitrogen
Fertilizer Applied and Thinning of Dense Planting.

Orig Pub: Roczn. nauk rolniczych, 1956, A73, No 4, 603-621.

Abstract: A discussion of results of experiments conducted by different scientific-research establishments of Poland and Germany for the period from 1931 to 1953: application of 1.3 c/ha of nitrogen fertilizer gave an average harvest of winter rape of 13.8 c/ha, application of 2.8 c/ha - 15.9 c/ha. Increase of seedling norms of seeds from 5 to 10 kg/ha had no influence on the harvest of seeds. Thinning the rape in

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POLAND / Cultivated Plants. Forage Crops.

N-5

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73016.

Abstract: the first three weeks after appearance of sprouts caused no changes in harvest yield; thinning five or six weeks after the appearance of sprouts decreased the harvest. The highest harvest was obtained with sowing norms of 7.5 kg/ha (15.2 centners/ha). Increase in dosage of nitrogen fertilizer with all seeding norms caused a decrease in fat content in the seeds and total fat yield from the area. Weight of 1000 seeds remains permanent during different stand densities of plants and various doses of nitrogen fertilizers. -- Ye. M. Tsvetayeva.

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M-4

POLAND / Cultivated Plants. Commercial, Oleaceous,
Sugar Bearing.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6358
Author : Witkowski, Karol Janush; Hoffmannova, Anna
Inst : Not given
Title : Comparative Study of 4 Winter Rape Varieties
with Splitting and Non-Splitting Legumes Under
Various Ecological and Geographical Conditions
Depending on the Time of Crop Harvesting

Orig Pub : Wydawn własne, Inst. uprawy, nawożenia i
gleboznawstwa, 1957, No 61, 86-94

Abstract : It was found during the field experiments,
which were carried out at agricultural experi-
mental stations, situated under various soil-
climatic conditions in 1952-1953, that when
the crop is harvested during the period of

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splitting of not show
splitting of varieties
(Novskiy). -- A. M. Smirnov

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HOFFMANNOWA, A.

Some aspects of sugar nutrition of excised embryos of *Lupinus*
luteus L. and *Brassica oleracea* L. *Acta soc botan Pol* 33 no.1:
193-210 '64

1. Department of Plant Physiology, University, Poznan.

M-5

POLAND / Cultivated Plants. Technical.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6361

Author : Hoffmanova, Anna

Inst

Title

: Not given
: The Effect of the Distance Among Rows and of
the Various Norms of Sowing of Seeds on the
Yield of Summer Rape with Various Fertilizer
Doses

Orig Pub : Wydawn. własne, Inst. uprawy, nawożenia i
gleboznawstwa, 1957, No 61, 109-126

Abstract : It was established on the basis of 25 field
experiments, which took place in 1946-1953,
that increased fertilizer doses (50% above
normal) heightened the yield of summer rape
seeds. The increase in yield took place
both with small and large fertilizer doses,

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POLAND / Cultivated Plants. Technical.

M-5

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6361

when the distance between rows was 30 cm
wide. Increasing the sowing norm from 6.9
up to 12 kg/ha did not produce any substantial
increase in the yield of seeds. -- A. M. Smirnov

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DEMBINSKI, F.; JABLONSKI, M.; HOFFMANNOWA, A.; KIELCZEWSKI, B.

Effect of the width of plant rows on seed yields of three domestic
castor-oil plant varieties. Roczniki nauki rolniczej 81 no.3: 545-560
'60. (EEAI 9:10)

(Poland--Castor-oil plant)

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1. Stavební ústav, Ceske vysoke uceni technicke, Praha.

GILL, J.; HOFFMANNOWA, H.; PIEKARZ, R.

Digestive capacity of the salivary glands, pancreas and duodenum and size of the digestive system in boars (*Sus scrofa* L.) Acta physiol.polon. 11 no.5/6:706-707 '60.

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(SALIVARY GLANDS physiol)
(PANCREAS physiol)
(DUODENUM physiol)
(GASTROINTESTINAL SYSTEM physiol)

GILL, J.; HOFFMANNOWA, H.; PIEKARZ, R.

Effect of histamine on the course of digestive and secretory activity in the stomach in boars (*Sus scrofa* L.). Acta physiol. polon. 11 no.5/6:707-709 '60.

1. Z Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego w Warszawie. Z Zakładu Hodowli Doswiadczałnej PAN.

(STOMACH pharmacol)

(GASTRIC JUICE)

(HISTAMINE pharmacol)

HOFFMANNOWA, Hanna; GILL, Janusz; PIEKARZ, Ryszard

Studies on the digestive physiology of the wolf (*Canis lupus* L.), dingo (*Canis dingo* L.) and jackal (*Canis aureus* L.). I. Effect of histamine on the course of digestive-excretory processes of the stomach under morphine-eunarcon anesthesia. *Acta physiol. Pol.* 15 no.1:125-136 Ja-F '64.

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FIESCH, Gyorgy, okleveles gepeszmernok; HOFFNER, Janos, okleveles
mezogazdasz

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type) self-propelled choppers. Jarmu mezo gep 8 no.10:383-386
0 '61.

1. Koho- es Gepipari Miniszterium Mezoge;fejlesztési Intezet.

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No. 5, Mar. 1955
KOZLEMENYEI
Budapest

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March 1956

HOFFNER, P.

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HOFER, Eduard, ing., naucni savjetnik (Ljubljana)

Cleaning, drying, and controlling of electric insulations.
Elektrotehnika Hrv 1 no.1-2:44-52 '58,

1. Institut za elektrisko gospodarstvo, Ljubljana, Hajdrihova 2

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HÖFLER, E., inz.

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and Relays of the International Conference on Large Electric
Systems. Elektroprivreda 17 no.7/8:355-356 J1-Ag '64.

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Poland

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Uncl.

MARGOLISOWA, Anna; SWIDOWSKA, Irena (Lagiewniki); Wspolpracownicy:
DADLEZ, Zygmunt(Istebna); DUTKOWSKA, A.(Rabka); BURNO-KINDT,
Zofia(Jaworze); PECHEREK, Kazimierz(Ludwikowo); HOFMAN, D.;
KLICKA, M.; PAWLOWSKA, Elzbieta; SZUSTER, Irena (Lagiewniki)

Relapses of lymph node-pulmonary tuberculosis in children
during institutional therapy. Gruzlica 30 no.6:569-577 '62,

(TUBERCULOSIS, LYMPH NODE)
(TUBERCULOSIS, PULMONARY)
(TUBERCULOSIS IN CHILDHOOD)
(ANTITUBERCULAR AGENTS)

HOFMAN, Danuta

A case of lympho-pulmonary tuberculosis associated with splenomegaly and polyglobulia in a 2-year-old infant. Gruzlica 30 no.12;1101-1105 '62.

1. Z Sanatorium Przeciwgruźliczego dla dzieci w Łagiewnikach Dyrektor:
prof. dr A. Margolisowa Ordynator: dr I. Szustrowa.
(TUBERCULOSIS PULMONARY) (TUBERCULOSIS LYMPH NODE)
(TUBERCULOSIS IN CHILDHOOD) (SPLENOMEGALY) (POLYCYTHEMIA)

GRAJEWSKA, Czeslawa; HOFMAN, Danuta; WALEWSKA, Emilia

Repeated bronchoscopies in lymphogenic lesions. Gruslica 33 no.8:
649-652 Ng ' 65

1. Z Sanatorium Przeciwgrusliczego dla Dzieci w Legiwnikach
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HOFMAN, Danuta; KAZANEK, Irena

2 cases of Kartagener's syndrome in children. Gruzlica 33 no.9:
811-816 S ' 65.

1. Z Sanatorium Przeciwgruzliczego dla Dzieci w Lagiewnikach
(Dyrektor: dr. M. Janiszewska-Fronczak; Konsultant naukowy:
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HOFMANN, Gustav, dr.

Introduction of wooden bellows in Bohemian metallurgical works.
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HOFMAN, H.

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1. Of the Obstetric-Gynecological Clinic (Head--Prof. A. Czyzewicz, M. D. and of the Department of Premature Infants (Head--Docent I. Bielicka, M. D.) of the National Institute of Mother and Child (Director--Prof. Fr. Groer, M. D.).

EXCERPTA MEDICA Sec 7 Vol 10/9 Pediatrics Sept 56

1926. HOFMAN H. Klin. chor. Zak. Wieku Dziecięcego A. M., Warszawa.

* Zmiany toksyczne w krwinkach białych w błonicy. Toxic changes of the white corpuscles in diphtheria PEDIAT. POL. 1956, 51/1 (51-58) Tables 4

Fifty-three patients were examined. Leucocytosis in severe diphtheria amounted on the average to 18,000, in semi-severe and mild types to 12-13,000. In the picture of white corpuscles no deviations from the normal were noted. In all the cases of children with severe diphtheria toxic changes in leucocytes were observed. In semi-severe cases only in 62.5%. In mild ones in 42.1%. In severe cases toxic granulations in the protoplasm were noted in about 70% of granulocytes, in cases of an average course of the disease only in about 30%, whereas in mild cases toxic granulations did not appear. The changes in the nucleus in the form of a vacuole did not appear in the severe cases but they were met most frequently in the mild cases. The finding of numerous granulocytes together with toxic granules in the protoplasm in a child afflicted by diphtheria seems to suggest a severe course of the disease. The finding of vacuoli changes, however, in the nuclei of granulocytes would point to a mild course of the disease.

From author's summary (XX, 7)

HOFMAN, Halina

Digestive leukocytosis in children; leukergic test. Paediat. polska
32 no.5:521-540 May 57.

1. Z Zakladu Mikrobiologii i Immunologii Instytutu Matki i Dziecka
w Warszawie Dyrektor Instytutu; prof. dr med. Fr. Greer. Kierownik
Zakladu; prof. dr med. L. Fleck. Adres: Warszawa ul. Kasprzaka 17,
Instytut Matki i Dziecka.

(LEUKOCYTOSIS

Digestive leukocytosis in child., leukergic test (P.H.)
(GASTROINTESTINAL SYSTEM, special.
same)

HOFMAN, Halina ; KOCHANOWSKA-SIKORSKA, Janina

A case of rheumatic disease in a 14-month-old infant. *Pediat.*
polska 35 no.3:314-321 Mar '60.

1. Z Oddziału Niemowlęcego Instytutu Matki i Dziecka w Warszawie,
Dyrektor Instytutu: prof. dr med. Fr. Groer, p.o. Kierownik
Oddziału: k.n.m. dr med. H. Hofman.
(RHEUMATIC FEVER case reports)